



8660-163

2/4/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Mr. Sanford R. Simon
Director, Technical Services
Pursell Industries, Inc.
P.O. Box 540
Sylacauga, AL 35150

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

FEB - 4 2000

Dear Mr. Simon:

Subject: Pursell 0.4% Barricade® Crabgrass Control with Fertilizer
EPA Registration No. 8660-163
Application and Letter Dated January 7, 2000, Request To
Amend the Labeling: To Amend Registration To Allow Use
in the State of Hawaii: Labeling Amendment: "Residents
of Hawaii please follow the Use Instructions and When to
Apply for the Southern Lawns in Zone 3"

The proposed labeling to amend the subject registration
has been reviewed and is acceptable under the Federal Insecticide,
Fungicide and Rodenticide Act (FIFRA) as amended, provided
that you:

1. Delete your document identification information where
it occurs in the proposed labeling.
2. Submit one (1) copy of the final printed label before
releasing the product for shipment bearing the subject
labeling.

If these conditions are not complied with, the registration
will be subject to cancellation in accordance with FIFRA
Section 6(e). Your release for shipment of the product
constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

ANALYSIS	
Total Nitrogen (N)	XX %
Available Phosphate (P ₂ O ₅)	XX %
Soluble Potash (K ₂ O)	XX %
Derived From: Urea, Diammonium Phosphate, Muriate of Potash.	



time provides a springtime boost of primary nutrients needed to grow a green, healthy lawn. May be used on Perennial Ryegrass, Perennial Bluegrass, Fescue, Bermudagrass, Bahiagrass, St. Augustinegrass, Carpetgrass, and Zoysia grass lawns. For satisfactory results, make sure you follow the application instructions on this label. This product will not harm most nearby ornamental trees and shrubs.

APPLICATION INSTRUCTIONS

Do not use on dichondra or newly sprigged areas of St. Augustine grass, Bermudagrass or Centipedegrass until these areas are well established.

Do not apply to turfgrass seeded the previous fall until these areas are well established (minimum of three mowings).

Water the lawn with 1/4 to 1/2 inch of water after application to allow the material to form the barrier on the soil surface necessary for adequate weed control.

Do not rake, thatch, aerate or otherwise disturb this barrier after application.

Use highest rates for lawn that have a history of severe weed problems. Delay reseeded of treated areas for 8 to 10 weeks after application.

SPREADER SETTINGS

The following rates are approximate. Check your spreader manual for additional instructions. The condition of your spreader will greatly affect the rate of application. Walk at a normal pace while applying. After application, treat all metal parts of your spreader that have been exposed to fertilizer with a light coating of oil to help prevent corrosion.

Spreader	To Cover 10,000 sq. ft.	6,000 sq. ft.	5,000 sq. ft.	4,400 sq. ft.
Precision Rotary	XX	XX	XX	XX
Ortho Rotary	XX	XX	XX	XX
Ortho Drop	XX	XX	XX	XX
Republic Rotary	XX	XX	XX	XX
Republic Drop	XX	XX	XX	XX
Scott Easy Green	XX	XX	XX	XX
Scotta Speedy Green	XX	XX	XX	XX
Scott Drop	XX	XX	XX	XX
Scott Even Green	XX	XX	XX	XX
True Temper Rotary	XX	XX	XX	XX
Quaker Rotary	XX	XX	XX	XX

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wear long-sleeved shirt, long pants, waterproof gloves and shoes and socks. Wash non-disposable gloves thoroughly with soap and water before removing. Launder clothing separately.

First Aid

IF ON SKIN: Wash with soap and water. Rinse thoroughly. **IF IN EYES:** Flush thoroughly with water for several minutes. Contact a physician.

IF INHALED: Remove victim to fresh air.

ENVIRONMENTAL HAZARDS

At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated area may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Not for use on turf being grown for sale or for other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

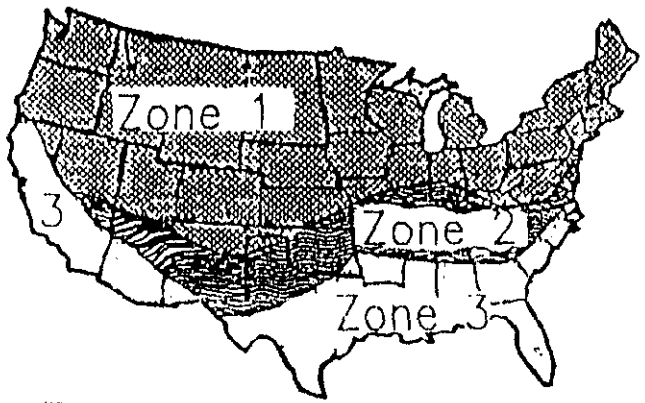
USE INSTRUCTIONS

PURSELL 0.4% Barricade Crabgrass Control with Fertilizer is a selective preemergent herbicide, which will control crabgrass, common annual grasses and selected broadleaf weeds such as Chickweed, Spurge, Henbit and Knotweed in established turf. Control of weeds is accomplished by the absorption of Barricade® by the roots of germinating weed seedlings. Effective control of these weeds will occur only when this product is applied one to two weeks before weed seed germination and is activated by 1/2 inch of water within 14 days of application. The following rates of application will control weeds for a period of 2 to 6 months. Highest rates will provide more consistent control for longer periods of time. Altering the application rate of pesticide will also alter the corresponding rate of nutrient applied.

WEEDS CONTROLLED

Barnyardgrass	Itchgrass	Sprangletop	Pigweed Common
Annual Bluegrass (Poa annua)	Johnsongrass	Carpentweed	Purslane
Crabgrass	Junglerice	Common Chickweed	Florida Pusley
Crowfootgrass	Lovegrass	Houssar Chickweed	Shepardspurea'
Woolly Cupgrass	Panicum	Henbit	Speedwell
Foxtails	Rescuegrass	Yarrow	Spurge Yellow
Goosegrass	Broadleaf	Kochia	Woodsoerrel
	Signalgrass	Lambaquarter	Witchgrass

1. Applications for this weed should be made in late summer, fall or winter prior to germination.
2. Suppression Only.



"Residents of Hawaii please follow the Use Instructions and When to Apply for the Southern Lawns in Zone 3"

Regions/Zones	Amount to Apply	For Average Weed Problem Low Rate/Best Coverage	For Tough Weed Problem High Rate/Lower Coverage
1-Northern	20 lbs.	10,000 sq. ft.	6,000 sq. ft.
2-Transition	20 lbs.	8,000 sq. ft.	5,000 sq. ft.
3-Southern	20 lbs.	5,000 sq. ft.	4,400 sq. ft.

Limited Warranty and Limitation of Liability

Notice: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

It is impossible to eliminate all risks inherently associated with the use of this product. Injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other material, or the manner of use or application, all of which are beyond the control of distributor or seller. All such risks shall be assumed by buyer.

Distributor warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. DISTRIBUTOR MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no event shall Distributor or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE LIABILITY OF DISTRIBUTOR OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF DISTRIBUTOR OR SELLER, THE REPLACEMENT OF PRODUCT. Distributor and seller offer this product, and buyer accept it, subject to the foregoing limitations of Warranty and limitation of liability, that may not be modified by any oral or written agreement. (04bar.pm5109-18-00)

EPA REG. No. 8660-163

Net Weight 20 Pounds

EPA Est. No. 8660-AL-1

Pursell Industries, Inc
201 W. 4th Street-Sylacagua, AL 35150

